



FIG. 1

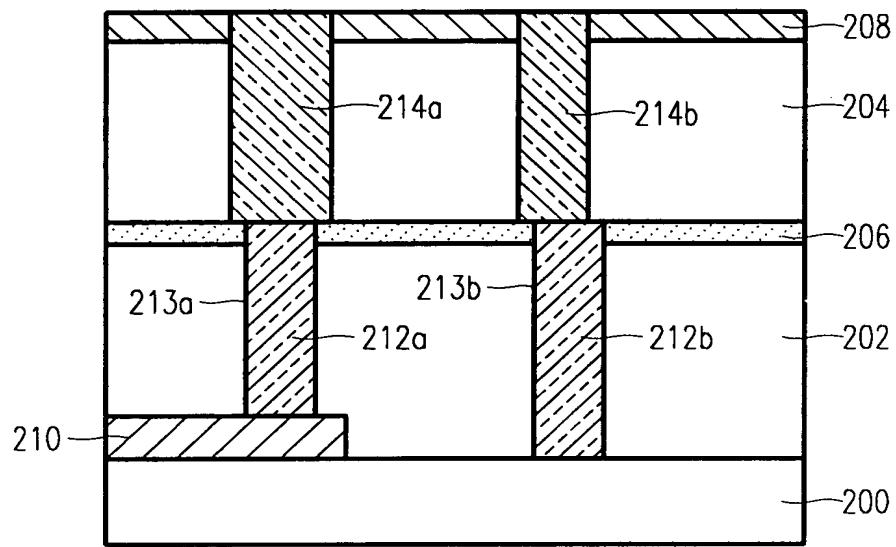


FIG. 2

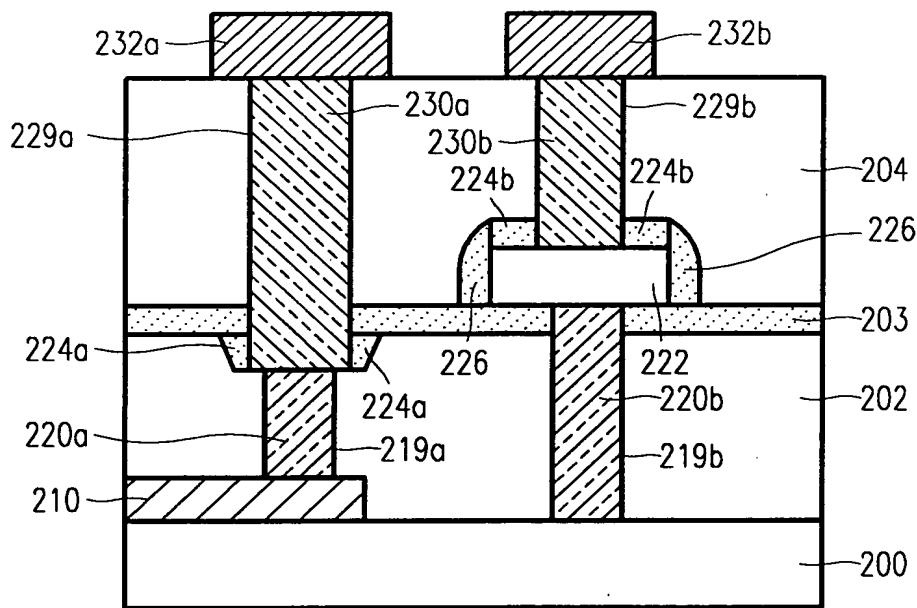




FIG. 3a

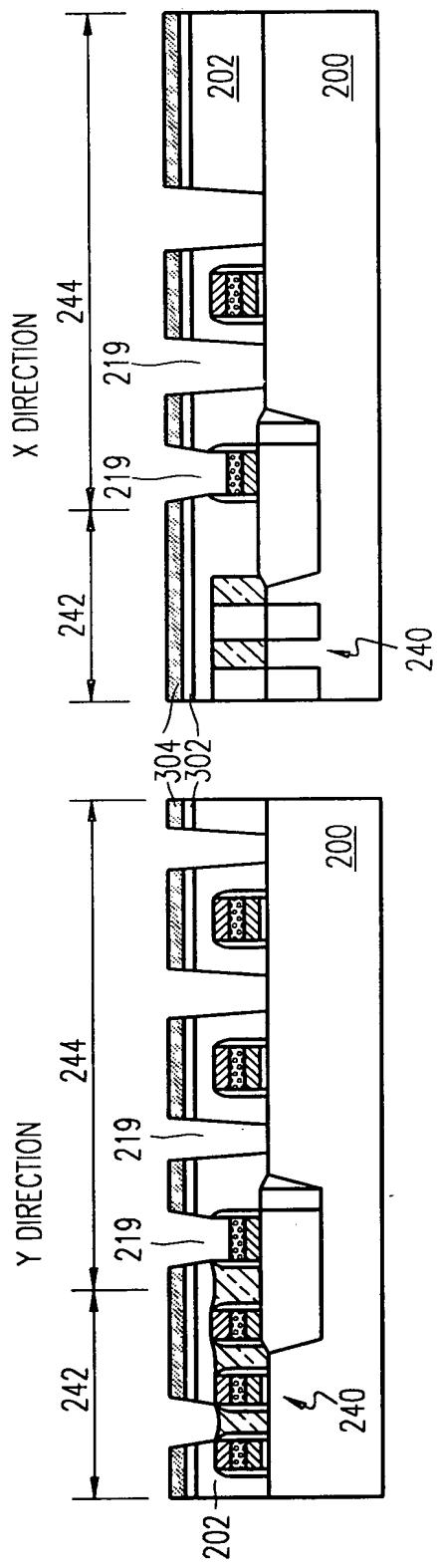
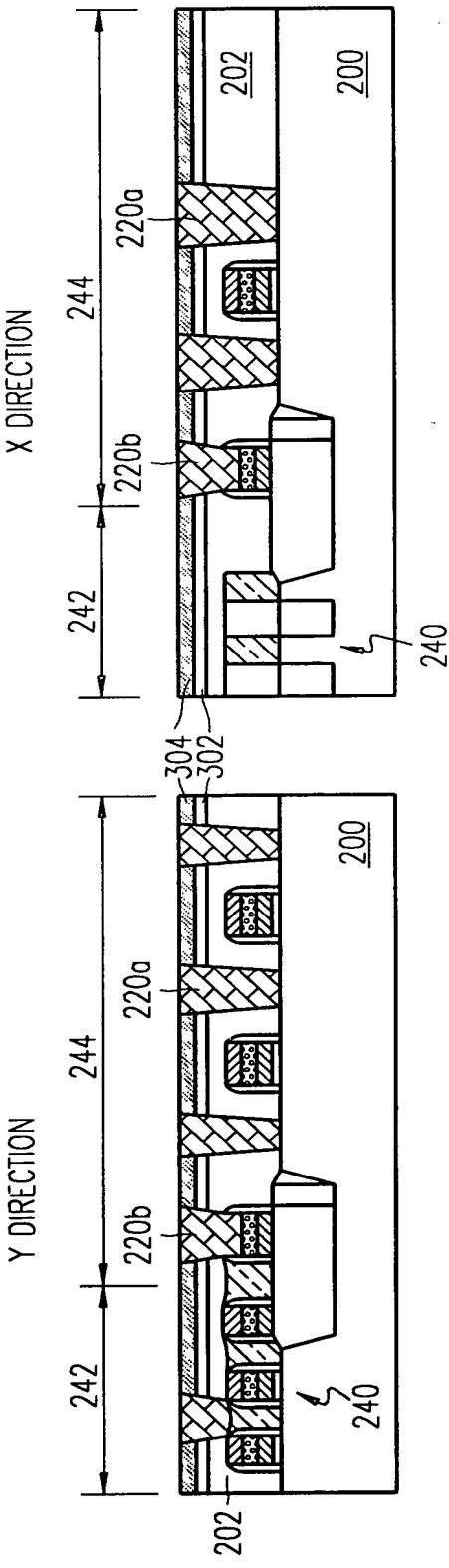
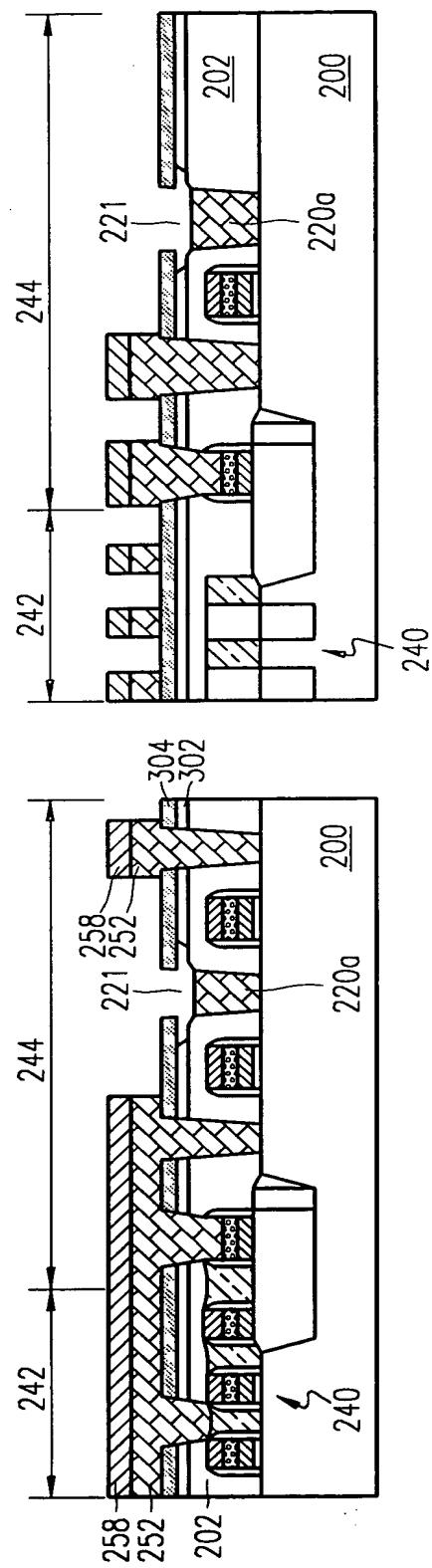


FIG. 3b



**FIG. 3c**

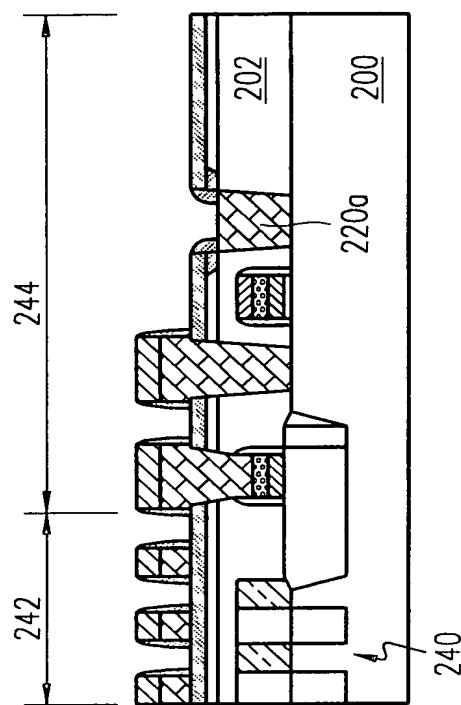
X DIRECTION



JUL 07 2003  
PATENT & TRADEMARK OFFICE  
U.S. GOVERNMENT PRINTING OFFICE: 2003 7-2003

**FIG. 3d**

X DIRECTION



Y DIRECTION

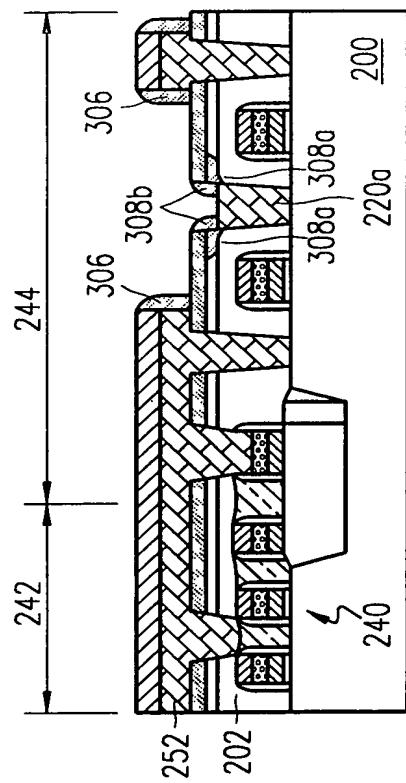


FIG. 3e

JUL 07 2003  
PATENT & TRADEMARK OFFICE  
U.S.

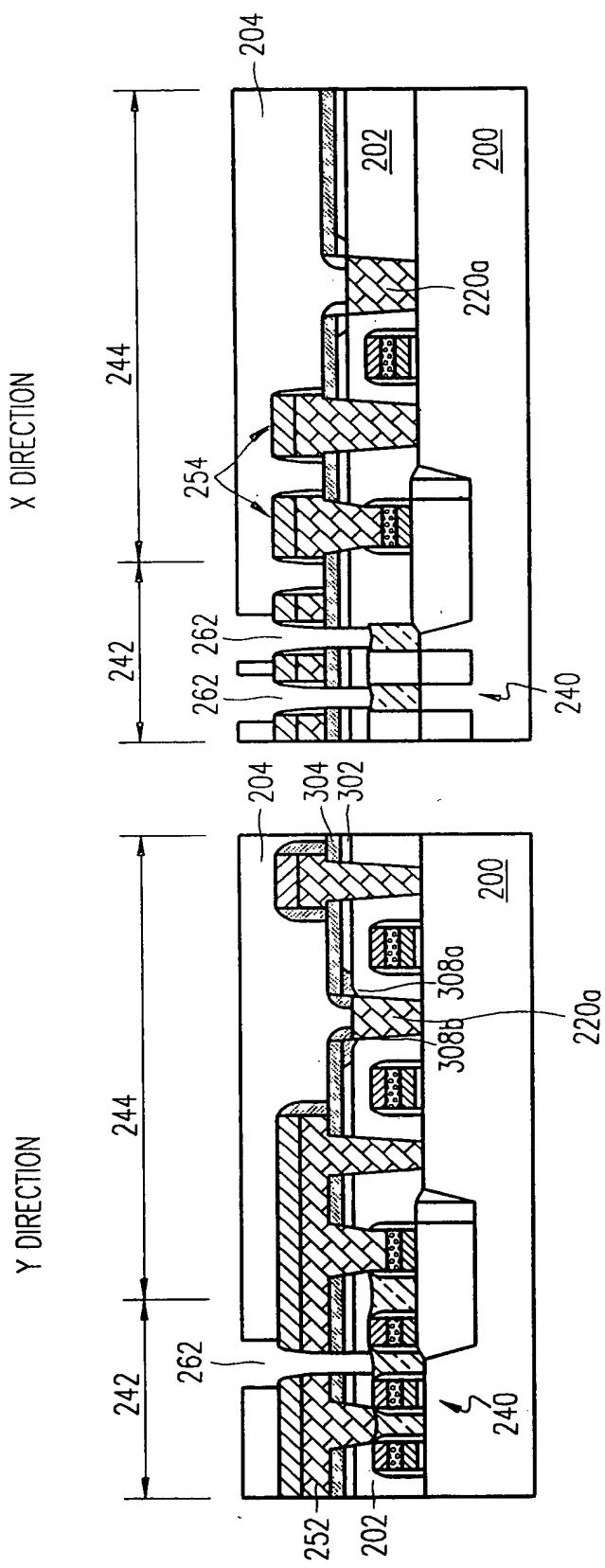
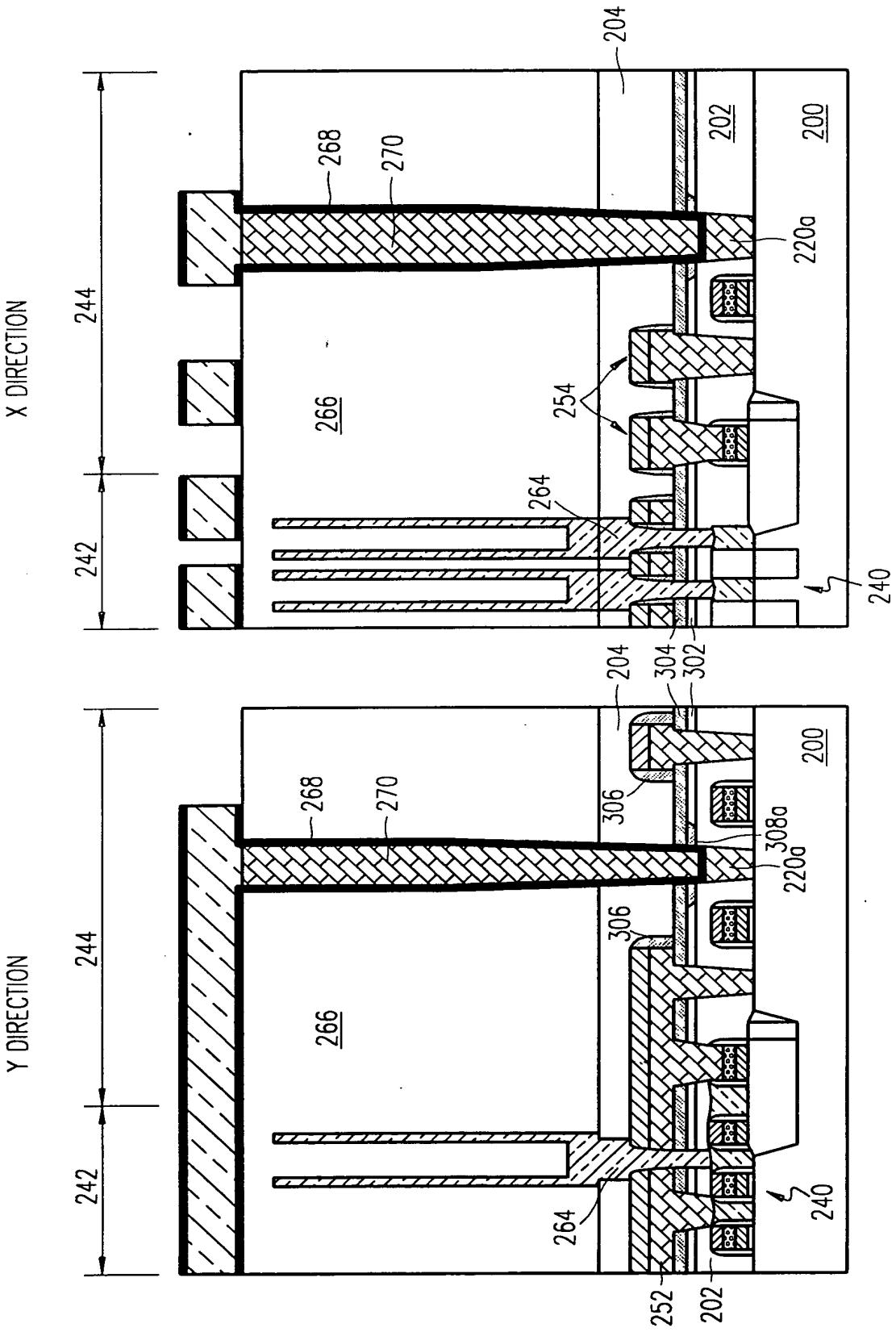


FIG. 3f



JUL 07 2003  
PATENT & TRADEMARK OFFICE  
JUL 07 2003  
PATENT & TRADEMARK OFFICE

FIG. 4a

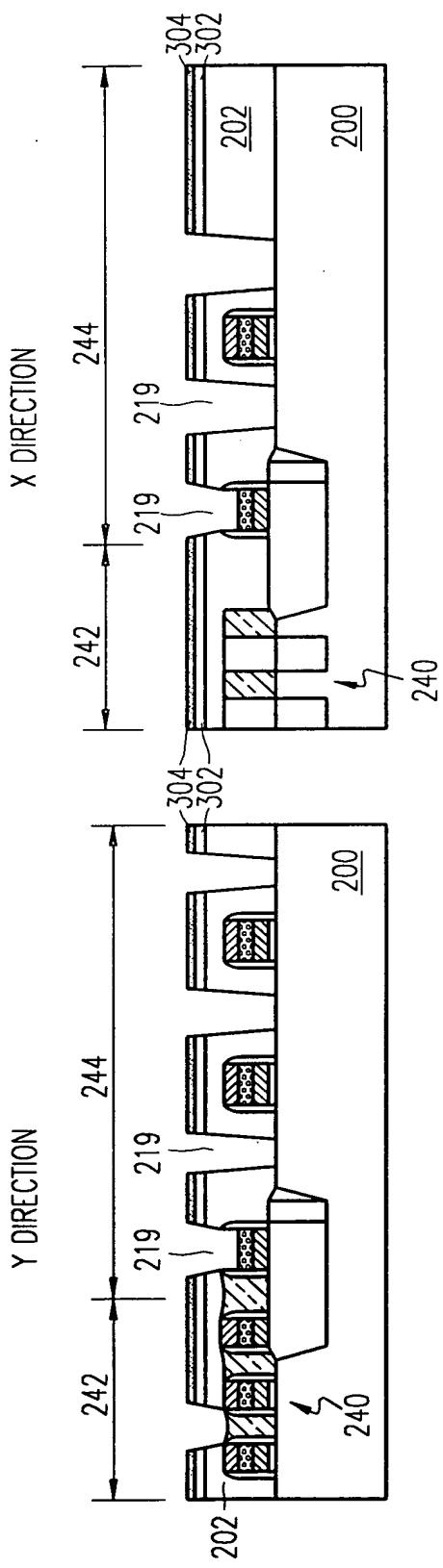
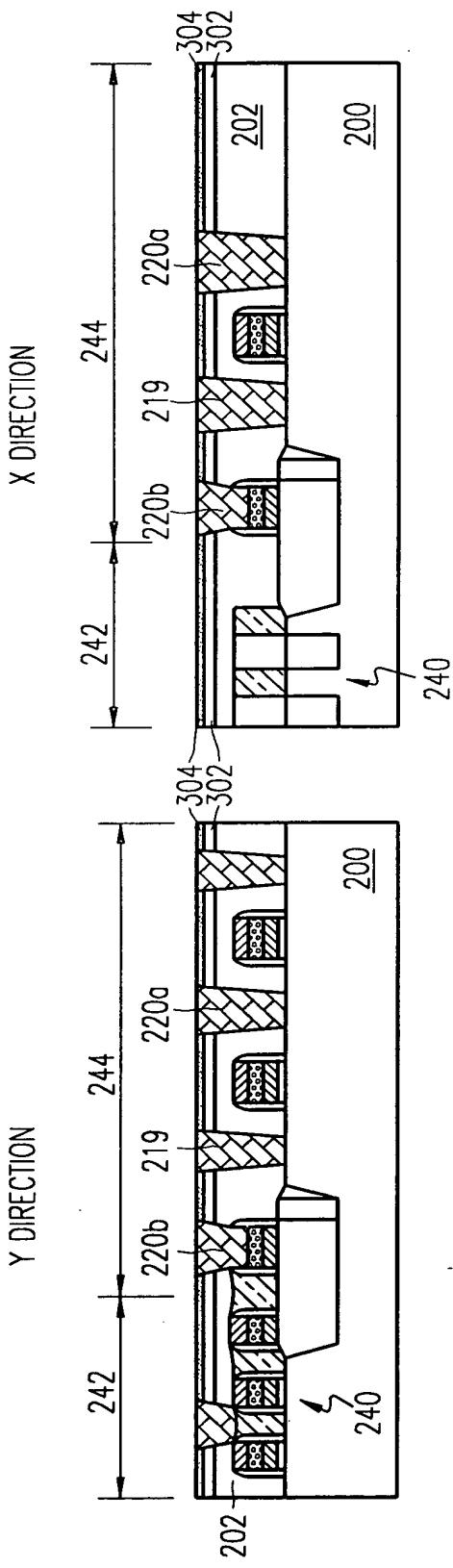
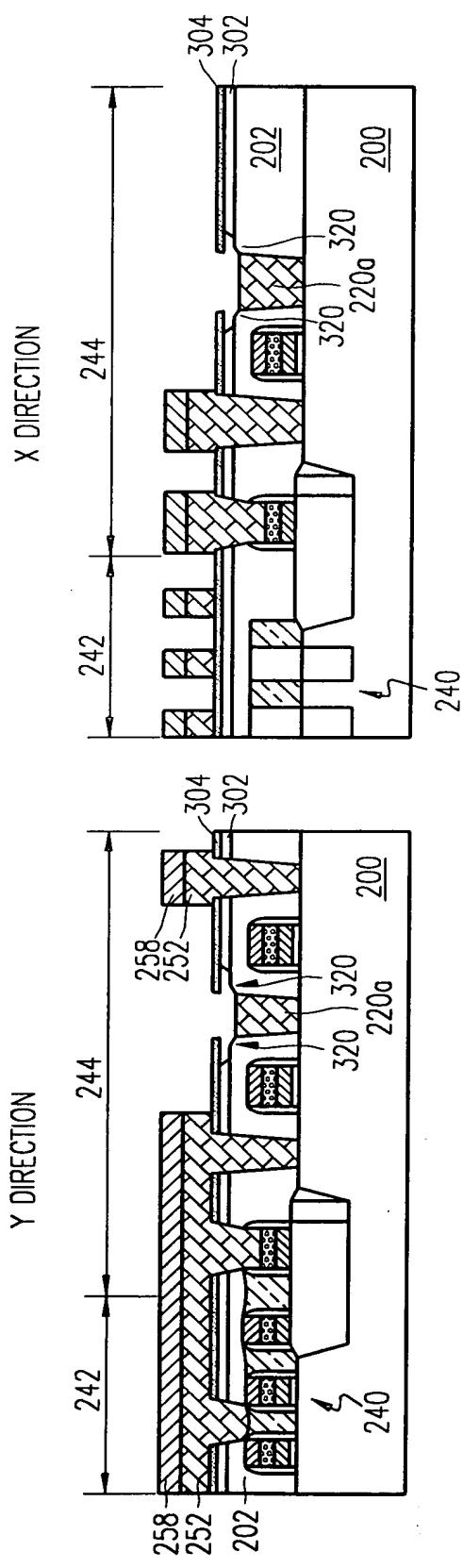


FIG. 4b

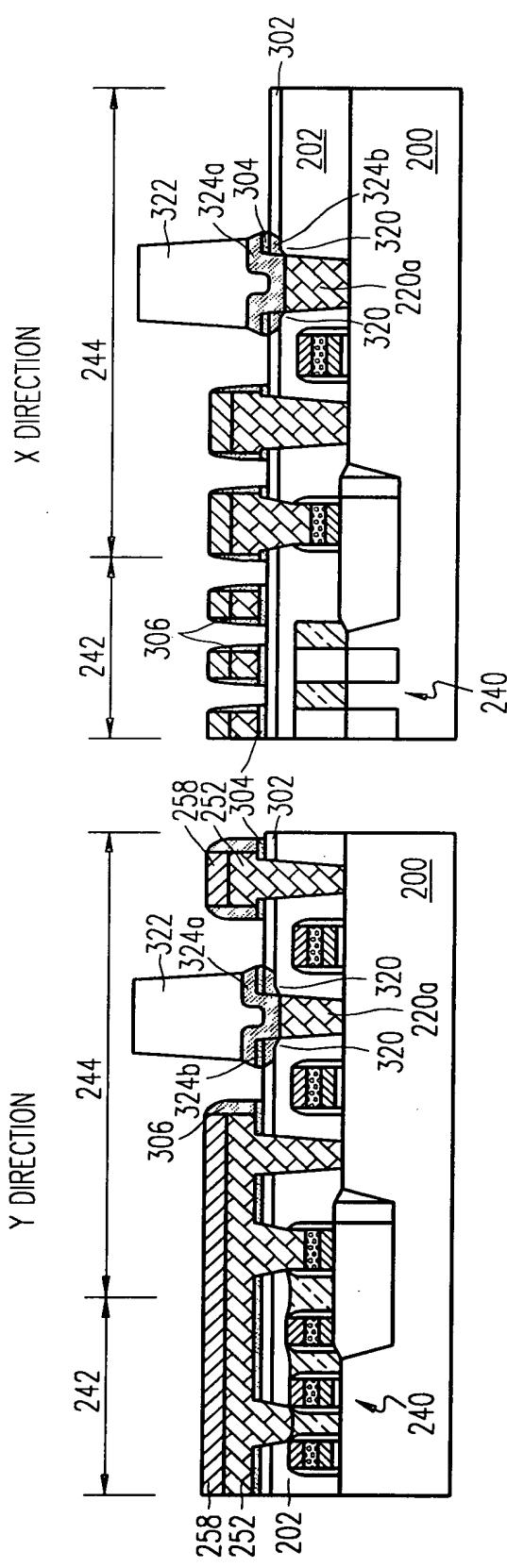


O  
JUL 07 2003  
8THAN

**FIG. 4c**

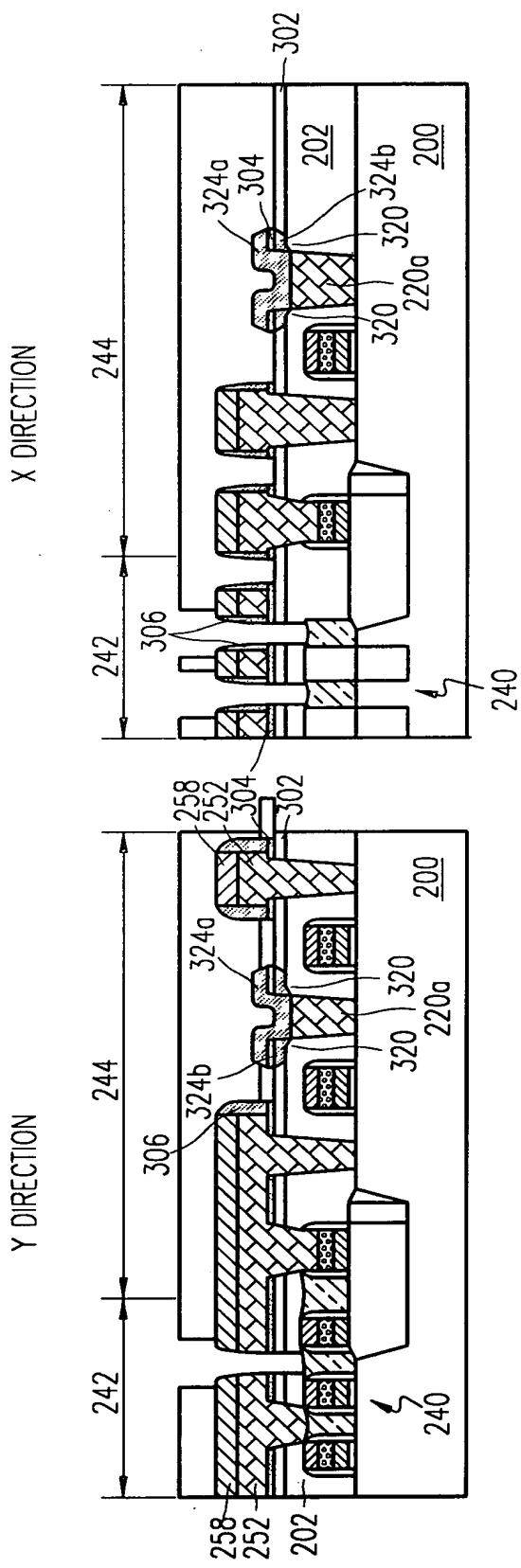


**FIG. 4d**



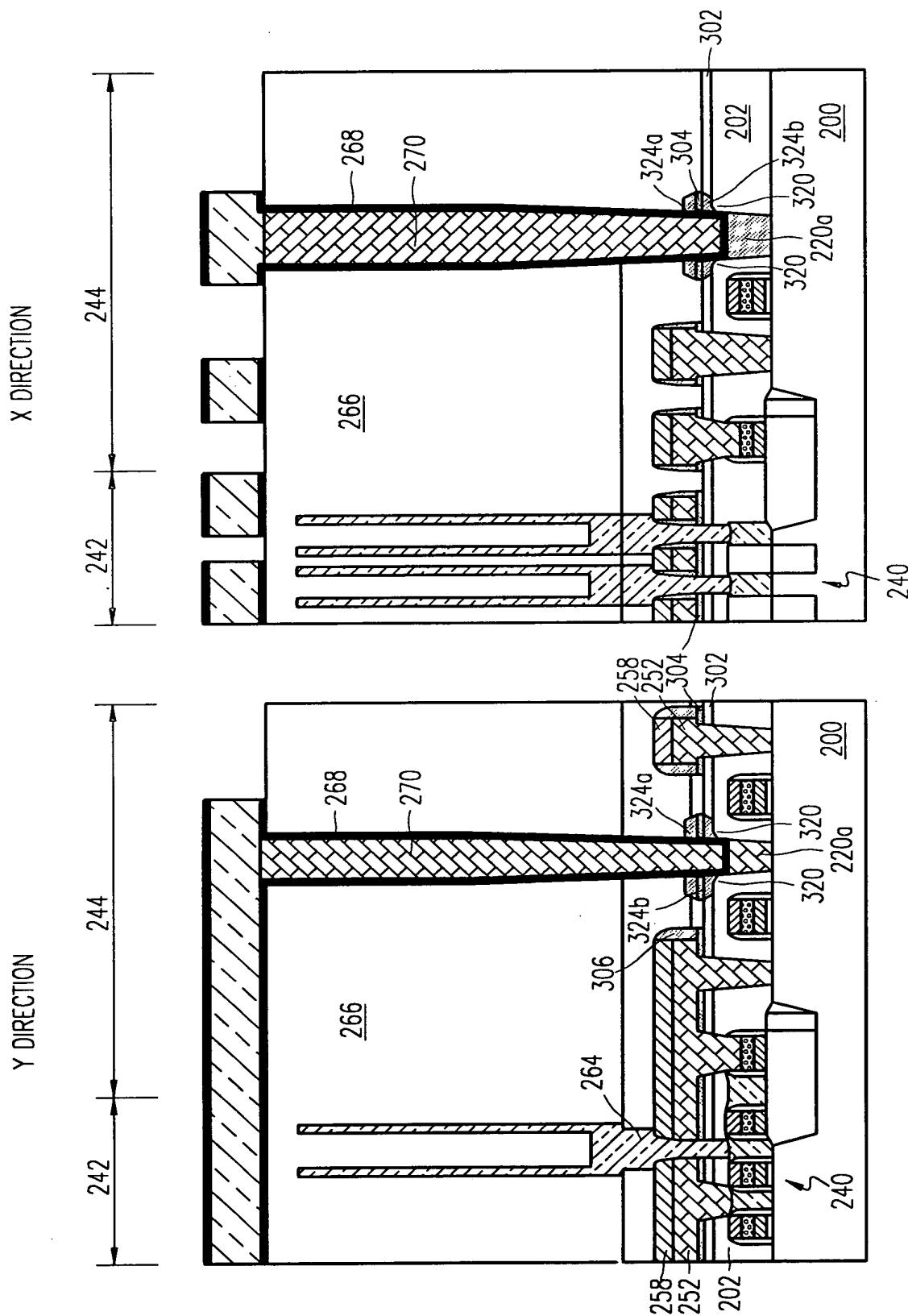
JUL 07 2003  
PATENT & TRADEMARK OFFICE  
4250

FIG. 4e



Patent Office  
JUL 07 2003  
JC24  
1010

FIG. 4f



TRADEMARK OFFICE & PATENT OFFICE  
JUL 07 2003  
PATENT &